

CR 91.013

NCEL

Contract Report

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An Investigation Conducted by:
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TREATMENT OF NAVY LANDFILL LEACHATE CONTAMINATED WITH LOW LEVELS OF PRIORITY POLLUTANTS

ABSTRACT The goal was to assist NCEL in identifying available technical information concerning the remediation of landfill leachate and contaminated groundwater at selected Naval facilities. A conventional treatment train (air stripping, ion exchange, and carbon adsorption) was used to illustrate the treatment potential for a diluted leachate at Naval Weapons Station, Seal Beach. The treatment removed specified organics to below 29 ppb and specified metals to below California's drinking water standards. Available costs for conventional and innovative treatment trains were considered.

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